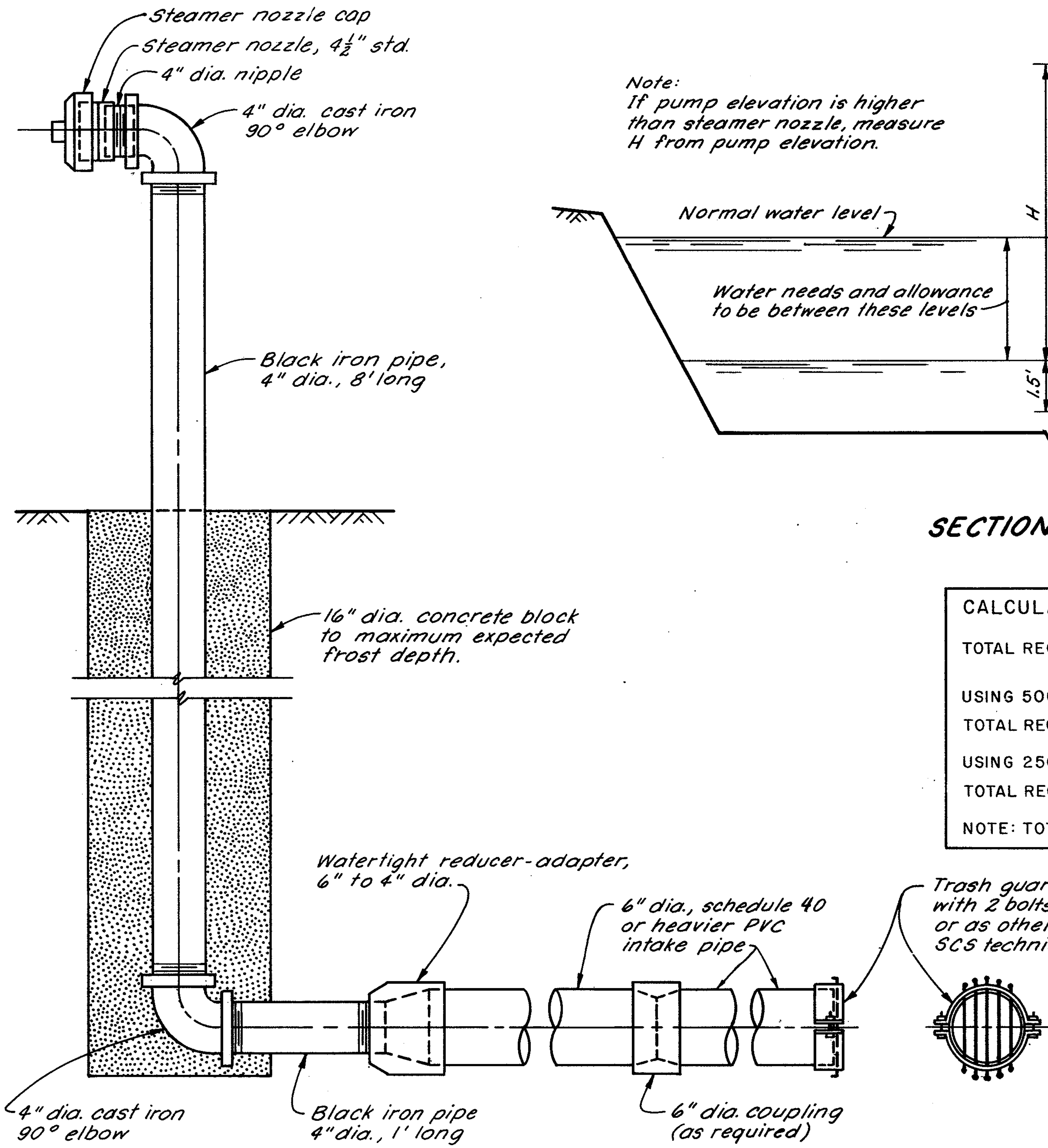
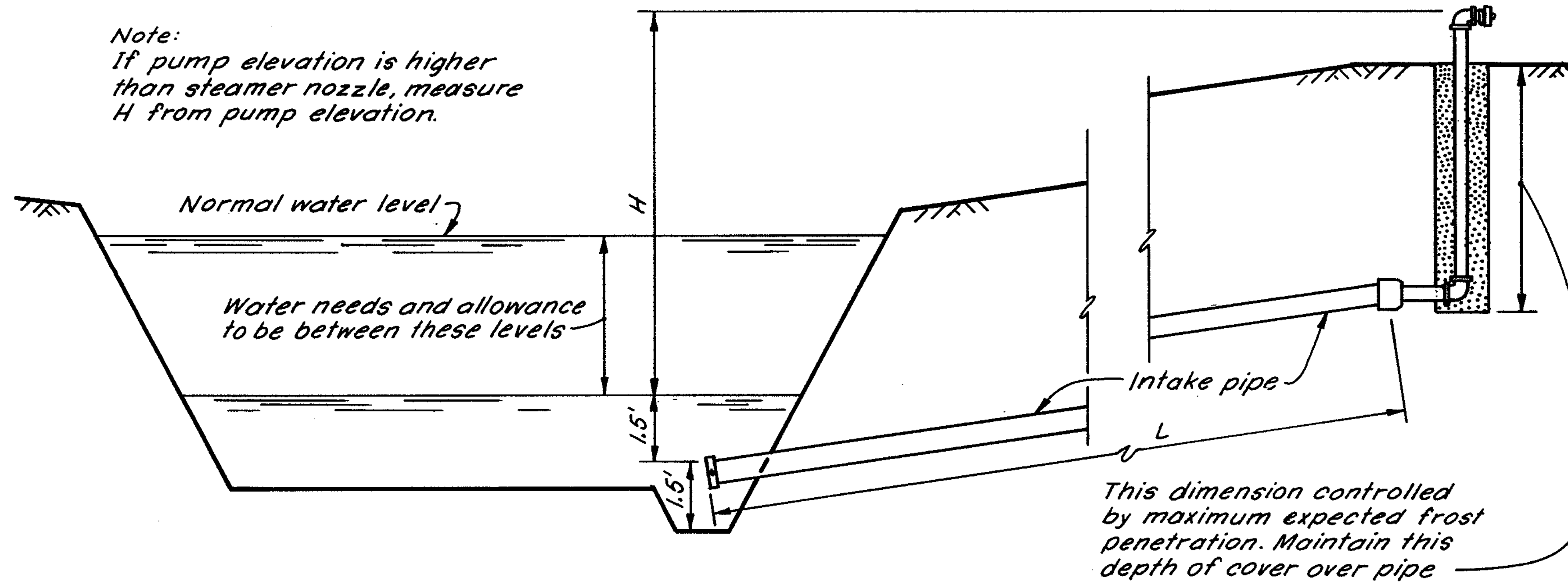


DETAIL OF HYDRANT



SECTION THROUGH INSTALLATION

CALCULATING REQUIRED LIFT:

TOTAL REQUIRED LIFT = HEAD LOSS IN HYDRANT FITTINGS AND GUARD + HEAD LOSS IN INTAKE PIPE (n = 0.012) + STATIC LIFT (H)

USING 500 GALLONS/MIN.

TOTAL REQUIRED LIFT = $6.9' + \frac{L \times 3.3'}{100} + H = 6.9' +$ _____ + _____ = _____

USING 250 GALLONS/MIN.

TOTAL REQUIRED LIFT = $1.7' + \frac{L \times 0.84'}{100} + H = 1.7' +$ _____ + _____ = _____

NOTE: TOTAL REQUIRED LIFT VALUE NOT TO EXCEED 21 FT.

DRY FIRE HYDRANT DETAILS

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

	Date	
Designed		Approved by
		Title
Drawn		
		Title
Traced		Sheet No ___ of ___	Drawing No.
Checked		

MICHIGAN ENGINEERING STANDARD DRAWING

APPROVED BY	DATE
Loren L. Oshel S.C.E.	11-8-77
DRAWING NO 50-N-0420	SHEET 1 OF 1